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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/891,093

DATE: 10/09/2001
TIME: 06:01:20

Input Set : A:\PBLII1.APP.txt
Output Set: N:\CRF3\10092001\I891093.raw

3 <110> APPLICANT: PESTKA, Sidney
5 <120> TITLE OF INVENTION: MODIFIED INTERFERONS
7 <130> FILE REFERENCE: PBLI-P08-005
9 <140> CURRENT APPLICATION NUMBER: 09/891,093
10 <141> CURRENT FILING DATE: 2001-06-25
12 <150> PRIOR APPLICATION NUMBER: 08/489,071
13 <151> PRIOR FILING DATE: 1995-06-09
15 <150> PRIOR APPLICATION NUMBER: 08/257,784
16 <151> PRIOR FILING DATE: 1994-06-10
18 <150> PRIOR APPLICATION NUMBER: 08/076,231
19 <151> PRIOR FILING DATE: 1993-06-11
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138 aaa tcc atc tgc tct ctg ggc tgt gat ctg cct cag acc cac agc ctg
139 Lys Ser Ile Cys Ser Leu Gly Cys Asp Leu Pro Gln Thr His Ser Leu
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142 cgt aat agg agg gcc ttg ata ctc ctg gca caa atg gga aga atc tct
143 Arg Asn Arg Arg Ala Leu Ile Leu Leu Ala Gln Met Gly Arg Ile Ser
144 10 15 20 25

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| 146 | cct | ttc | tcc | tgc | ttg | aag | gac | aga | cat | gaa | ttc | aga | ttc | cca | gag | gag | 192 |
| 147 | Pro | Phe | Ser | Cys | Leu | Lys | Asp | Arg | His | Glu | Phe | Arg | Phe | Pro | Glu | Glu | |
| 148 | | | | | | | 30 | | | 35 | | | | 40 | | | 240 |
| 150 | gag | ttt | gat | ggc | cac | cag | ttc | cag | aag | act | caa | gcc | atc | tct | gtc | ctc | |
| 151 | Glu | Phe | Asp | Gly | His | Gln | Phe | Gln | Lys | Thr | Gln | Ala | Ile | Ser | Val | Leu | |
| 152 | | | | | | | 45 | | | 50 | | | | 55 | | | |
| 154 | cat | gag | atg | atc | cag | cag | acc | ttc | aat | ctc | ttc | agc | aca | gag | gac | tca | 288 |
| 155 | His | Glu | Met | Ile | Gln | Gln | Thr | Phe | Asn | Leu | Phe | Ser | Thr | Glu | Asp | Ser | |
| 156 | | | | | | | 60 | | | 65 | | | | 70 | | | |
| 158 | tct | gct | gct | tgg | gaa | cag | agc | ctc | cta | gaa | aaa | ttt | tcc | act | gaa | ctt | 336 |
| 159 | Ser | Ala | Ala | Trp | Glu | Gln | Ser | Leu | Leu | Glu | Lys | Phe | Ser | Thr | Glu | Leu | |
| 160 | | | | | | | 75 | | | 80 | | | | 85 | | | |
| 162 | tac | cag | caa | ctg | aat | gac | ctg | gaa | gca | tgt | gtg | ata | cag | gag | gtt | ggg | 384 |
| 163 | Tyr | Gln | Gln | Leu | Asn | Asp | Leu | Glu | Ala | Cys | Val | Ile | Gln | Glu | Val | Gly | |
| 164 | 90 | | | | | | 95 | | | | 100 | | | | 105 | | |
| 166 | gtg | gaa | gag | act | ccc | ctg | atg | aat | gag | gac | tcc | atc | ctg | gct | gtg | agg | 432 |
| 167 | Val | Glu | Glu | Thr | Pro | Leu | Met | Asn | Glu | Asp | Ser | Ile | Leu | Ala | Val | Arg | |
| 168 | | | | | | | 110 | | | 115 | | | | 120 | | | |
| 170 | aaa | ttc | caa | aga | atc | act | ctt | tat | cta | aca | gag | aag | aaa | tac | agc | | 480 |
| 171 | Lys | Tyr | Phe | Gln | Arg | Ile | Thr | Leu | Tyr | Leu | Thr | Glu | Lys | Tyr | Ser | | |
| 172 | | | | | | | 125 | | | 130 | | | | 135 | | | |
| 174 | cct | tgt | gcc | tgg | gag | gtt | gtc | aga | gca | gaa | atc | atg | aga | tcc | ctc | tcg | 528 |
| 175 | Pro | Cys | Ala | Trp | Glu | Val | Val | Arg | Ala | Glu | Ile | Met | Arg | Ser | Leu | Ser | |
| 176 | | | | | | | 140 | | | 145 | | | | 150 | | | |
| 178 | ttt | tca | aca | aac | ttg | caa | aaa | aga | tta | agg | agg | aag | gat | tga | | | 570 |
| 179 | Phe | Ser | Thr | Asn | Leu | Gln | Lys | Arg | Leu | Arg | Arg | Lys | Asp | | | | |
| 180 | | | | | | | 155 | | | 160 | | | | 165 | | | |